

SECTION 305 TECH SUB COMM

MINUTES

DECEMBER 3, 2015 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Mario Bergeron, Dale Engelhardt, Jeff Gordon, Charlie Poltenson, Allan Paul, Jeff Schultz, Marci Petterson, Jennifer Bastian, Phil Meraz, Troy Hughes, Andrew Wood, Jonathan Hines, Jay Gilfillan, Art Peterson, Melissa Shurland, Curtis McDowell, Larry Salci, Steve Hewitt, Industry Members: Paul Jamieson, Rich Stegner, Tom Sisler, Tom Hunt, Kevin Myles, Al Bieber, Lew Hoens, Josh Coran, James Michel, Walt Stringer, Pat Sheeran, Jack Madden, Marci Taraszkiwicz, William Slater, Alexander Epstein Guest: Maria Wallace, GAO
ABSENTEES	<i>Tammy Krause, Momo Tamaoki, Jason Biggs, Vincent Brotski, Michael Burshtin, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Sal DeAngelo, Michael Coltman, Brian Marquis, Patricia Llana, Shayne Gill</i>

DISCUSSION/DECISIONS MADE

1.

Chairman Mario Bergeron, Amtrak, called today's meeting to order, asking Steve Hewitt to call the roll.

After calling the roll, Steve confirmed the presence of a quorum.

As always, industry participants are asked to email a notification of their attendance to Steve Hewitt at shewitt109@aol.com

2.

Review of the Meeting Agenda – Mario Bergeron, Amtrak:

Mario Bergeron provided a brief overview of today's meeting agenda.

3.

Review of Action Items that are not on the agenda – Steve Hewitt:

Steve Hewitt reviewed the open action items, providing a brief update on only those items that were not to be specifically covered on the agenda:

Maintaining Industry Participation List: Status: There are currently **258** registered industry participants. We have one new member added since the last call – new members are always welcome.

The newest member is Jack Madden, who has officially retired from NYSDOT, and has signed up as an industry participant of the NGENC. We congratulate Jack on his retirement, and thank him for his tremendous work with the Technical subcommittee.

Requesting Backgrounder educational document: The Backgrounder remains available upon request. Please contact Steve Hewitt at shewitt109@aol.com if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

Updating ECP Standards: This is an ongoing item which the Technical subcommittee is tracking – it is anticipated that status updates will take place on every other call.

There is no ECP update for today, the group will be meeting on 12-8-15 and Paul Jamieson will provide a report on the next subcommittee call – 12-17-15.

Paul, however, has asked that the following be reported on and included in today's minutes:

"APTA Passenger Rail Equipment Safety Standards (PRESS) develops standards for the passenger rail industry that have been incorporated into the various PRIIA technical specifications and some of the standards have been codified in the CFR part 238. Industry wide participation is encouraged. PRESS has working group involved with car construction and structures, electrical, inspection and maintenance, mechanical, and passenger safety. The Mechanical group is the sponsor for the development of the ECP standards. The mechanical sub-working groups

includes air brakes (including ECP), coupler & intercar connections, safety appliances, truck & VTI, and wheels & axles. The APTA PRESS Mechanical Group is holding a meeting on December 9th in Washington, DC.

The APTA contact is Martin Schroeder. Martin's email is mschroeder@apta.com

AWG Update: As of the last report progress was continuing on the restroom drawings. Oregon State University is working with Amtrak. Alternatives are being looked at such as having one universal restroom as opposed to two. Valuable input is being provided by Amtrak on what can and can't be done. Melissa Shurland will provide a report on what has been accomplished to date at the NGEAC Annual Meeting (2-19-16).

There is nothing new to report at this time.

RVAAC Update: RVAAC presented its recommendations for improved access on rail vehicles to the Access Board on July 29, 2015. Melissa will keep the Tech SC apprised as deliberations conclude. There is a backlog in rulemaking projects, and so it was not decided how and when to proceed with those recommendations. Anyone who would like the link to the RVAAC report should contact Melissa Shurland, at Melissa.shurland@dot.gov.

There is nothing new to report at this time.

**4.
Approve Minutes from November 19, 2015 – Mario Bergeron:**

On a motion by Charlie Poltenson, NYSDOT, and a second by Phil Meraz, Iowa DOT, the Minutes from the 11-19-15 Technical subcommittee conference call meeting were approved without objection.

**5.
Document Control Update – Steve Hewitt for Tammy Krause:**

Tammy Krause provided the following Document Control update for inclusion in today's minutes. Steve Hewitt read the update into the record:

"Specification 305-912 Revision B is presently being finalized to put on the website. I would make a request that if there are any additional DCRs for the Bi-Level, please submit them by the end of next week. I am about to put together the finalized specification version C.3. That is the document control update."

**6.
Update: Procurements:**

Bi-Level Cars – Jennifer Bastian, IDOT:

With Caltrans representatives unavailable for today's call, Jennifer Bastian provided a very brief update:

Work continues on the re-design of the car shell after the failed compression test. Intermediate Design Review is anticipated for some time in February, 2016 with Final Design Review in July 2016. For now, production continues to be stopped.

Diesel-electric Locomotive –Jennifer Bastian:

Jennifer Bastian, IDOT, provided the following update for inclusion in today's minutes:

- *"The invoice for milestone E (Invoice #10), associated with FDR is being processed by IDOT*
- *The FAI for the Diesel Exhaust after treatment and Diesel Engine cooling tower are planned for the week of December 7th.*
- *The FAI for the electrical panels and lockers are planned December 15 & 16, at Siemens Sacramento factory.*
- *The kick-off for monthly QA reviews was held in Sacramento on 11/18 and the next meeting is planned for mid-January in Sacramento.*
- *A planning meeting to review the compression test process was held on 12/1 in Sacramento.*
- *We anticipate two more draft DCRs has will processed by the JPEs. The total will be Seventeen draft DCRs, and are being prepared and Rich Stegner has contacted Tammy Krause, to send a list re-capping the DCRs and will begin drafting DCRs. Camren Cordell will assist.*
- *Follow up Technical Advisory Groups (TAG) continue working on an on-going basis for the action items from the AAR Standard vehicle qualification testing and acceptance. AAR's David Cackovic is the facilitator.*
- *The Diesel Exhaust Fluid (DEF) planning team is reviewing logistics for fueling locations.*
- *The locomotive weight was reported last month at 271,684 lbs (+/-), due to actual component weights coming in*

a bit better than expected. The calculated P2 force is within specified limits. Weight is being closely monitored, each month."

7.

Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group - Jennifer Bastian:

Jennifer Bastian, IDOT, provided the following DEF working group update:

The DEF Working Group met on 11-1-15 – a lot of questions remain with regard to fuel calculations and burn rate of the new locomotives.

The next meeting will take place on 12-8-15, with another one planned for 1-11-16. Subsequent meetings will be held more frequently – likely twice a month as the equipment delivery date draws near. Delivery is scheduled for June 2016.

A mid-west states ownership agreement needs to be in place before the RFP for DEF supply can be released.

Jennifer agreed, at the request of Chairman Bergeron, to provide a more extensive presentation to the subcommittee in January. It was agreed that 1-28-15 would be the date for that presentation.

Jennifer will also be asked to make a presentation at the Annual Meeting of the NGEC on 2-19-16.

8.

AAR Committee Update – Jeff Gordon, FRA:

Jeff Gordon, FRA, provided a status update on the AAR committee efforts. The committee is developing standards to facilitate new passenger vehicles that will be graveling over host railroad tracks.

A draft specification has been developed by the six subgroups assembled at the outset of the committee activities. The draft is "rough", as expected for a first draft, but the idea is to get the information assembled and work through it.

The plan was to have a working draft by the end of 2015, and, while it is not perfect, it is a milestone that has been reached.

The intent is to apply the standards to future equipment, not retroactive to the current equipment being manufactured (Bi-Level cars and Diesel-electric Locomotives).

However, as this equipment is introduced into service it can serve as a guinea pig for the standard to see how it would or could apply, and to determine just how good the standard is.

One of the key areas of concern is interoperability with regard to getting the new equipment from where it is manufactured to where it will be used, and what freight equipment will be used to get it there.

Asked about next steps, Jeff responded that this is an AAR committee, and Jeff is not certain of what those next steps are, but expects that it may be spring (2016) before an official standard is ready.

9.

GAO/NGEC Project Status Update – Maria Wallace:

Maria Wallace, GAO, reported that they are continuing with interviews with key members of the Technical subcommittee. They have met with quite a few to date including Jeff Gordon and Sal DeAngelo, FRA, and others. They have reached out, via email, with a short questionnaire to industry members of the Technical subcommittee working groups. Responses have been coming in, and Maria expressed appreciation for the "helpful responses" she has received.

There is no set timeline for completion of the project, but it is expected that sometime in early summer is a reasonable guess for when it will be complete.

10.

2016 NGEC Annual Meeting – Steve Hewitt:

Steve Hewitt reminded members that the 2016 NGEC Annual Meeting is scheduled for 2-19-16 at the Hyatt Regency Washington, Capitol Hill. The meeting will take place in conjunction with the AASHTO SCORT meeting

scheduled for 2-17 and 18 - 2016.

A notice has gone to all NGECC members calendars to lock in the date.

Hotel room block/reservation information was sent to all NGECC members on 11-20-15. If you have not yet done so please reserve your room.

Adjourn: With no other issues to come before the subcommittee today, at 3:35PM Eastern, Mario Bergeron adjourned today's Technical Subcommittee conference call meeting.

Next Call: December 17, 2015 – 3:00pm Eastern

Decisions and Action Items

RVAAC: RVAAC presented its recommendations for improved access on rail vehicles to the Access Board on July 29, 2015. Melissa will keep the Tech SC apprised as deliberations conclude. There is a backlog in rulemaking projects, and so it was not decided how and when to proceed with those recommendations. Anyone who would like the link to the RVAAC report should contact Melissa Shurland, at Melissa.shurland@dot.gov. (Ongoing)

Updating ECP Standards: remains as a standing action item and as activities occur. (Ongoing)

Maintaining Industry Participation List: This remains an ongoing action item. There are currently **258** registered industry participants. (Ongoing)

Backgrounder educational document: The Backgrounder remains available upon request. Please contact Steve Hewitt at shewitt109@aol.com if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

DEF Working Group: A more extensive presentation will be provided by Jennifer Bastian on the 1-28-16 subcommittee call, and, again at the NGECC Annual Meeting 2-19-16.

The PRIIA Dual Mode (DC 3rd Rail) Passenger Locomotive Technical Specification – Larry Salci is in the process of reviewing the specification against the requirements document and preparing a Review Panel report with recommendations. Timeline for NGECC Executive Board approval is mid-December, 2015.

AWG report: Progress continues on the restroom drawings. Oregon State University is working with Amtrak. Alternatives are being looked at such as having one universal restroom as opposed to two. Valuable input is being provided by Amtrak on what can and can't be done. Melissa Shurland will provide a report on what has been accomplished to date at the NGECC Annual Meeting (2-19-16). (Ongoing)

AAR Committee: Next update: 1-14-16. (Ongoing)

GAO project: A questionnaire was sent to key industry members of the technical working groups. Responses have been coming in and are appreciated. The next GAO update to the Technical subcommittee is due on 1-14-16.

The 12-31-15 conference call is canceled. Steve Hewitt will send a calendar notification.

ATTACHMENTS



The NGEC will provide national leadership in standardization,
acquisition, financing and management of passenger rail equipment.

PRIIA Section 305 Tech Sub Committee Meeting

December 3, 2015

The agenda for the meeting is below:

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|---|------------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Mario Bergeron |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes of November 19, 2015 | Mario Bergeron |
| 5. Document Control Update | Steve Hewitt |
| 6. Update: Procurements | |
| a. Bi-level Cars | Jennifer Bastian |
| b. Diesel-electric locomotive | Jennifer Bastian |
| 7. Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group | Jennifer Bastian |
| 8. AAR Committee Update | Jeff Gordon |
| 9. GAO/NGEC Project Status Update | Maria Wallace |
| 10. NGEC 2016 Annual Meeting – February 19, 2016 | Steve Hewitt |
| 11. Other Issues | All |
| 12. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

Technical Sub Committee Conference Call Meeting:

Thursday December 3, 2015 / 3:00 Eastern / 1-866-209-1307 / passcode 6486648#

Please call in a few minutes early so all is in attendance for Roll Call.

Thank you

Next Call – 12-17-15 at 3:00pm Eastern